

UNITED STATES DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

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Establishment Report

DENBIGH EXPERIMENTAL FOREST



Lake States Forest Experiment Station  
St. Paul Campus, University of Minnesota  
St. Paul 1, Minnesota

UNITED STATES GOVERNMENT - Forest Service

Washington 25, D. C.

# Memorandum

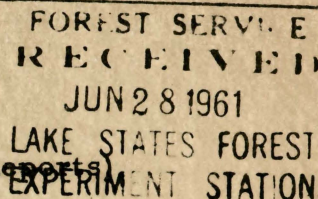
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TO : Director, Lake States Station

DATE: June 23, 1961

FROM : Ivan H. Sims, Staff Assistant for Research

SUBJECT: Research (Experimental Forest Establishment Reports)



Attached is a signed copy of the establishment report for the Denbigh Experimental Forest.

The designation order was signed June 20, 1961.

Attachment

A handwritten signature in cursive script, reading "Ivan H. Sims".

c - Regional Office  
Chippewa NF  
Bottineau

6/28/61 HW

A rectangular stamp with a double border. The text inside reads: "FOREST SERVICE RECEIVED JUN 29 1961 LAKE STATES FOREST EXPERIMENT STATION".



## Establishment Report

### Denbigh Experimental Forest

Lands owned in part by the State of North Dakota and the U. S. Forest Service.

In April 1931, Section 36, T. 156 N., R. 78 W., was withdrawn from leasing by the State Land Commissioner and made available to the North Dakota School of Forestry and the U. S. Forest Service for experiments in tree planting. The McHenry County Commissioner purchased the NW $\frac{1}{4}$ NW $\frac{1}{4}$  of the section from the State and then deeded it to the Federal Government. The deed was recorded on August 11, 1931. A memorandum of informal agreement dated July 15, 1931, between the North Dakota School of Forestry and the Lake States Forest Experiment Station, outlines responsibility and the conditions under which the acreage was to be used. A copy of this agreement is attached. At a meeting held June 30, 1947, the use of this land for the above-stated purpose was extended for a period of 25 years by action of the Board of University and School Lands. This type of ownership was selected because no national-forest land was available in the area or State for the purpose intended.

No minerals with the possible exception of oil and lignite are known to or likely to occur on this tract but the location is within 25 miles of producing fields. An oil and gas lease was granted, effective April 1, 1960, with reservation of control of the surface.

At the present time an REA power transmission line extends across the section. Special-use permits have been issued to Verendrye Electric Cooperative, Incorporated of Velva (U-Uses 4/16/57, U-Uses 6/9/58) for the installation of a telephone line through a portion of the tract and a 2-pole powerline connecting the government housing to an REA line other than the one mentioned above (see attached map for location).

A preliminary fire plan has been prepared for the protection of the area. An informal agreement with the North Dakota State Forest Service provides for the use of back pumps, handtools, etc., and if needed a jeep-mounted pumping unit. A State firewarden lives on the south boundary of the area. Volunteer fire departments of the municipalities of Towner and Granville respond to rural calls, as do neighboring ranchers.

The Lake States Forest Experiment Station will maintain a full-time fireguard for detection and suppression activities during high-hazard periods and the fall hunting season. Other suppression equipment will be kept in readiness at the forest headquarters and a 4-mile system of firebreaks maintained and expanded as needed to protect areas planted to trees.



I recommend that the Denbigh Experimental Forest be established for continuing experimental tree plantings with emphasis on tree improvement, establishment, and maintenance studies.

7/25/60

Date

Paul E. Slabaugh

Forester in Charge, Bottineau Research  
Center

APPROVED

7/27/60

Date

/s/ M. B. Dickerman

Director, Lake States Forest Experiment  
Station

7/29/60

Date

/s/ John Von Bargen

Supervisor, Chippewa National Forest

8/30/60

Date

/s/ C. L. Van Giesen

Acting Regional Forester, Region 9

ORDER ESTABLISHING DENBIGH EXPERIMENTAL FOREST

I hereby designate as the Denbigh Experimental Forest the lands described in the preceding report by Paul E. Slabaugh, dated June 28, 1960; said lands shall hereinafter be administered as an experimental forest under the policies and procedures established by the Forest Service.

June 20, 1961

Date

/s/ Edward P. Cliff

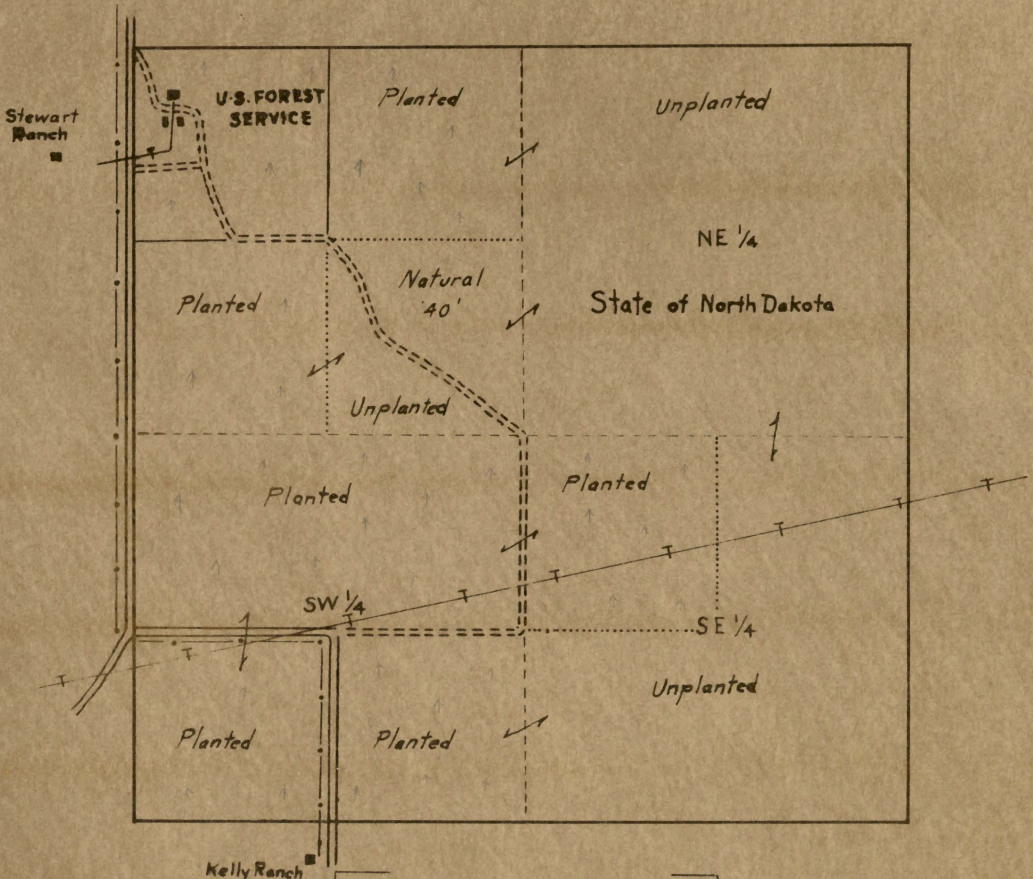
Acting Chief



# DENBIGH EXPERIMENTAL FOREST

SECTION 36 T. <sup>5</sup>36 N. R. 78 W.

Approx. 1/2 M. to US 2 →



## LEGEND

Scale - 8 Inches = 1 Mile

— T — REA Transmission line

— • — Telephone line



COPY

RS

Supervision  
North Dakota

July 15, 1931

MEMORANDUM OF INFORMAL AGREEMENT

1. The North Dakota School of Forestry at Bottineau, and the Lake States Forest Experiment Station of the U. S. Forest Service, with headquarters at St. Paul, Minn., will cooperate in conducting experiments to determine the feasibility, and the best methods, of extensive tree-planting in the sandhills of McHenry County, North Dakota. These experiments will be on a generally expanding scale up to about 100,000 trees planted per annum.
2. The North Dakota School of Forestry will undertake to grow in its nursery at Bottineau the trees required for the planting experiments, of such species, ages and sizes as the experiments may require or as may be jointly agreed upon, and to bear all of the cost of such tree-production: except that, the Lake States Forest Experiment Station may purchase or collect small quantities of seed which are believed to be especially suitable for Dakota planting and donate them to these experiments, such purchases or collections usually representing relatively expensive seed.
3. Should the requirements of the sandhill planting seem to require the transplanting of seedlings in a sandier soil than that at Bottineau, before their planting in the field, the Lake States Forest Experiment Station may establish a nursery, primarily for transplants, at the field headquarters, and the cost of growing trees in this nursery shall be divided approximately equally between the two parties.
4. The Lake States Forest Experiment Station undertakes to carry on the field planting experiments: to prepare the ground, plant the trees, furnish the necessary protection to the plantations, and keep all records of the results. Since, however, the Lake States Forest Experiment Station expects to keep its men in the field only from about April 1 to November 1 of each year, the North Dakota School of Forestry may be called upon, in the interests of protecting property and plantations, to give occasional attention to the field planting in the winter period.
5. School Section 36 in Township 156 N., Range 78 W., having been withdrawn from leasing and ceded to the North Dakota School of Forestry, for an indefinite period, for forestry purposes, is hereby placed at the disposal of the Lake States Forest Experiment Station for field planting experiments, and for such treatment incident thereto as may be deemed necessary, including the plowing of firelines, the erection of fences and the full use of the land. Any improvements placed on Sec. 36 by either party shall remain the property of that party and may be removed at will. Provided further, that the above-described use of the land by the Lake States Forest Experiment Station may be continued for a period of five years after the voiding of the other provisions of this agreement, in order that the experiments begun may be carried to fruition.

6. The first publication of the results of cooperative experiment , research, investigations, and demonstrations shall be arranged in each instance by mutual consent of both parties.

Each party to this agreement shall have the sole right to the first publication of results of investigations, experiments, demonstrations, and research under its exclusive control, provided that exception to this may be permitted upon the consent of both parties concerned.

7. This agreement may be terminated by either party six months after written notice of such intent has been given.

NORTH DAKOTA SCHOOL OF FORESTRY

LAKE STATES FOREST EXPERIMENT STATION

/s/ F. E. Cobb

/s/ Raphael Zon



This Agreement shall remain in effect from latest date of execution until June 30, 1970, and may be renewed thereafter by mutual agreement in the form of a written amendment to this agreement. This agreement may be terminated at any time by either party upon -- days written notice to the other.

IN WITNESS WHEREOF, the authorized representatives of the parties hereto have executed this Cooperative Agreement on the dates opposite their respective signatures.

BUREAU OF SPORT FISHERIES AND WILDLIFE

Date: \_\_\_\_\_

By: \_\_\_\_\_

U.S. FOREST SERVICE RESEARCH UNIT

Date: \_\_\_\_\_

By: \_\_\_\_\_